

# THE LANCET

## Public Health

### **Supplementary appendix**

This appendix formed part of the original submission and has been peer reviewed.  
We post it as supplied by the authors.

Supplement to: Duff JH, Liu A, Saavedra J, et al. A global public health convention for the 21st century. *Lancet Public Health* 2021; published online May 5. [http://dx.doi.org/10.1016/S2468-2667\(21\)00070-0](http://dx.doi.org/10.1016/S2468-2667(21)00070-0).

## Appendix: Methods

The recommendations presented in this paper were identified through qualitative interviews with a panel of experts. Contributors were professionals in the fields of global health, public health, economics, infectious diseases, epidemiology, politics and government, law, or medicine. They were invited to contribute because they have either published in the field of global public health security or have held relevant positions of responsibility in their countries or in international agencies.

The coauthors of this paper and other experts provided input via individual interviews with members of the operational team. Interview questions and an interview guide were developed to inform the interview process. Questions asked about characteristics of an effective global public health system necessary to strengthen international pandemic prevention, preparedness, and response. Individual interviews were conducted over telephone/video in English and Spanish. Interviews conducted in Spanish were translated to English. Each interview was audio-taped and transcribed by a professional transcription service. Input collected from interviews were analyzed using qualitative content analysis.<sup>1-3</sup> Transcripts of each discussion were analyzed using Atlas.ti version 8.<sup>4</sup> Results from the content analysis were systematized into themes and categories which were further organized into the recommendations.

Results from the data analysis were presented to co-authors and other experts during a virtual roundtable discussion. Together the interviews and group discussion produced the ten recommendations presented in this report. The recommendations reflect a synthesis of participant responses based on the preponderance of ideas; individual components of each recommendation were not necessarily unanimous. Of note, the researchers made efforts to recruit a diverse sample of collaborators with regards to occupation, field of study, region of the world, and professional role in global health security. A limitation of this group is that it relies heavily on participants from North America and Europe who work in academia.

## References

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3. Schreier M. Qualitative content analysis in practice. London: SAGE Publications, 2012.
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